

977 Philippa & N20a 418389

2014 dec 3 6^h32.6^m U.T.

Planet: $a = 3.12, e = 0.03$

V. mag. = 15.36 Diam. = 67.0 km = 0.03"

$\mu = 32.60''/h$ $\pi = 3.03''$ Ref. = EG2012

Star:

Source cat. PPMXL

$\alpha = 11^{\text{h}}21^{\text{m}}39.260^{\text{s}}$ $\delta = +20^{\circ}09'31.43''$

mag = Bmag = 13.19

$\Delta m = 3.0$

Max. dur. = 3.5s

Sun : 87°

Moon : 131° , 88%

